Mini Speaker

User Manual

SONOROUS

Bluetooth password "0000"

Model: A102

CONTENTS:

1) Product Description

2) Specifications

3) Bluetooth Paramaters

4) Key Function List

5) Function Descriptions

6) Low Power Shutdown

7) Indicator

8) Using Recommendations

9) Charging

10) Repair and Maintenance

11) Warranty

12) Importer

1) Product Description:

Sonorous Minispeaker is a kind of Bluetooth stereo card speaker which is highly integrated , low-cost, low power. It has 48K/16BIT high quality digital audio playback plug and mini ST card. There is built in polymer battery inside. The stereo signal can be received directly or with a mini ST card. It is compliant with Cell phones, MP3, PC, and other devices with bluetooth function within parameters. The range of Bluetooth function is up to 10 meters.

2) Specifications:

1)Minispeaker supports Bluetooth 2.0 version A2DP V1.2, AVRCP V1.4 .

2)Integration of EEPROM, configure the operating modes and parameters.

3) Indicator lights define the below situations
Red light : Charging
Blue light : Connection of a Bluetooth device
Green light : MP3 usage (ready for mini ST card)

3) Bluetooth parameters:

Feature	Implementation		
Bluetooth Version	V: 2.0		
	Frequency	2.402-2.480GHz	
	Maximum output power	Class2	
	receiver sensitivity	>82dBm	
	Distance	Up to 10 meters	
	Data transfer speed	3Mbps	
	UART data transfer speed	115200bps	
	A2DP–receiver		AVRCP Controller

Power supply	3.5V - 4.2V DC		
Consumption	26m Ampere	Standby <1.0mA	

4) Function List:

Function	Function Key	MP3	Bluetooth
PREV (-)	Short press	Previous	VOL(-)
	Long press	VOL(-)	VOL(-)
P / P / M	Short press	Play/ Pause	Mute
	Long press	--	--
NEXT (-)	Short press	Next	VOL (+)
	Long press	VOL (+)	VOL (+)

5) Function Descriptions:

a) When Minispeaker is at Bluetooth function, , the blue light starts flashing fast.

b) When the Minispeaker enters to the search state, open the Bluetooth mode on your PC, Smart phone etc., search the Minispeaker. For automatic connection enter '0000' for the password. If the pairing is successful, the indicator light will flash slowly. In this situation the devices would be paired and it will be ready to use.

c) The state of charging : You can connect Minispeaker to your computer or use the charger for charging the Minispeaker. (USB adopter is not included in the box) When Minispeaker is at charging mode, the red light will be on. The charging time is 3-4 hours. When the battery is charged and reached 4.2 V, the charging will stop automatically but the red light will continue.

d) You can also connect Minispeaker to audio sources directly with audio cable (PC, MP3 etc.)

e) You can use Minispeaker with mini SD card.

6) Low Power Shutdown:

Minispeaker will be automatically shut down when the battery is below 3.5 V.

7) Indicator:

	Light pattern		
	MP3	Cable connection	Bluetooth
Indicator light	Flashes when SD card in use,Pause long light	Long Light	Unpaired flashes fastly, paired flashes slowly

8) Using Recommendations:

In case the battery is weak, the Bluetooth connection might not be established or the mini SD card might not be operative. It is important to fully charge the Minispeaker before using it first time.
Let the battery to discharge and later fully charge it at least once in a mount.

9) Charging :

Important warning : Before using the Minispeaker fully charge the device.
Start charging Minispeaker, the red light will be on.
For fully charging , it will take around 3 hours.

10) Repair and Maintanace :

If the Minispeaker is not working control the below points :

a) The vattery power can be insufficient, charge your device.

b) Check the Bluetooth connection between minispeaker and source device

c) Check the charging cable or the data cable for connections.

Minispeaker is under "**1**" year warranty.

11) Warranty:

Dear User ,: Thanks for purchasing Sonorous Minispeaker. Your device is under the warranty determined by the related the regulations
You can contact the importer company in case you experince a problem.

12) IMPORTER:

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